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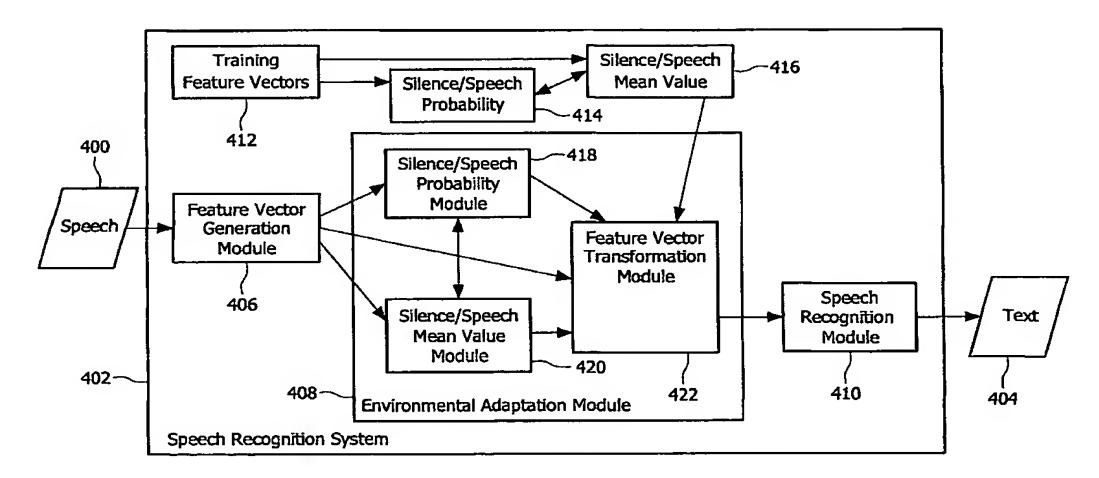
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(54) Title: ADAPTATION OF ENVIRONMENT MISMATCH FOR SPEECH RECOGNITION SYSTEMS



(57) Abstract: The present invention relates to a method, a system and a computer program product for speech recognition with environmental adaptation. Feature vectors being descriptive of a power spectrum of incoming speech are transformed in order to eliminate environmental mismatch between the recording conditions of training speech and the recording conditions of the speech being subject to speech recognition. The method is based on a probability whether a received sound interval represents speech or a speech discontinuity. Determining mean values for sound intervals representing speech or speech discontinuity and comparing said values with respective values of the training data, a transformation of generated feature vectors can be performed in order to reduce the environmental mismatch.

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